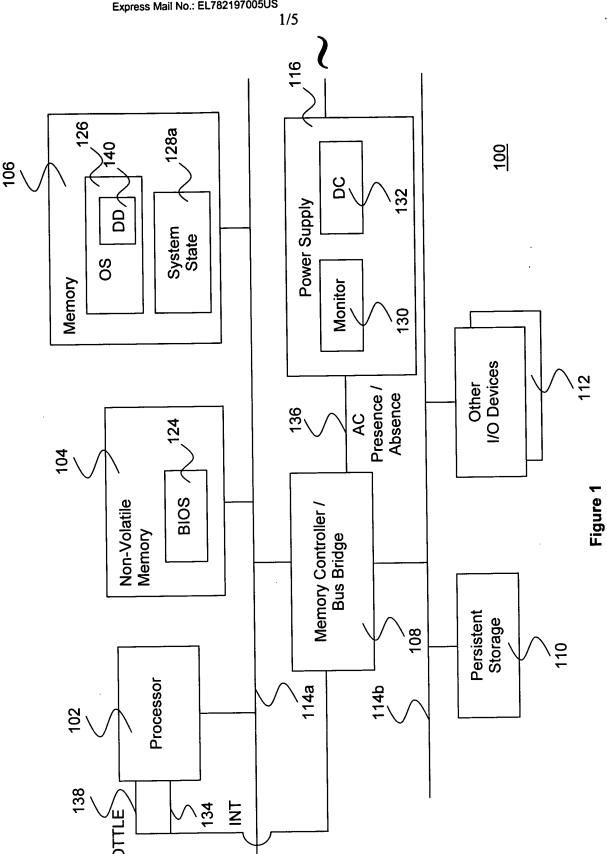
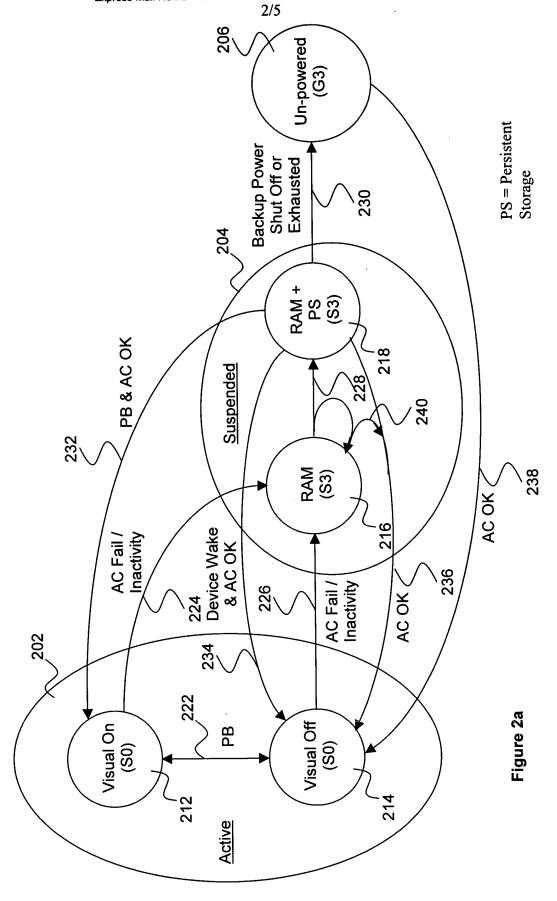
Attorney's Docket No.: 110349-133959 D Inventor(s): Robert A. Dunstan, et al. A For: Power Conservation in the Absence of AC Power Express Mail No.: EL782197005US

Date of Deposit: August 19, 2003 Application No.: Not yet assigned



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3/5

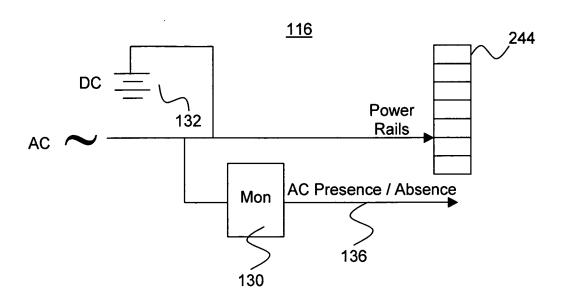


Figure 2b

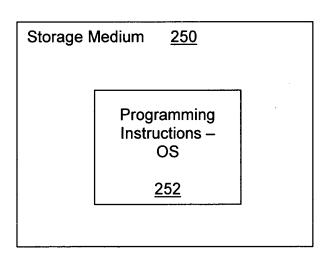


Figure 2c

For: Power Conservation in the Absence of AC Power Express Mail No.: EL782197005US 4/5 Power Supply Monitors For AC Presence / Absence & Output Signal AC to Denote AC Presence / Absence Presence 302 **AC Absence** MCH / ICH / BB Asserts Interrupt Throttle Signal <u>304</u> **Processor Throttles Device Driver Servicing** To A Lower Power Interrupt Waits A **Consumption Level** Predetermined Period Of Of Operation Time, Then Cause OS To **Initiate Suspend Process** <u>306</u> 308 **OS Initiates Suspend Process** <u>310</u> MCH / ICH / BB Shuts Off All Normal Power, Leaving Only Standby Power <u>312</u>

Date of Deposit: August 19, 2003

Application No.: Not yet assigned

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Inventor(s): Robert A. Dunstan, et al.

Figure 3

For: Power Cons rvation in the Absence of AC Power Express Mail No.: EL782197005US 5/5 **AC Presence** MCH / ICH / BB Asserts (De-asserts) Interrupt (Throttle Signal) <u>402</u> OS Device Driver Servicing **Processor Throttles Return to** Interrupt Receives Control **Higher Normal Power** Consumption Level Of Operation 406 404 **Count Down OS DD Cancels Count** Down to Suspend Suspend Process Allowed to Complete <u>408</u> <u>410</u> **BIOS Initiates Resume Process** <u>412</u> Figure 4 OS Completes Resume, System Continues from **Resumed State** 414

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